

WHAT IS CLAIMED IS:

1. A fuel cell separator molding method for molding an electrically conductive melted material in a cavity that is comprised of a stationary die and a movable die, wherein

said cavity has a variable volume and a plurality of separator molding portions are connected to each other in one cavity, and

after or while said electrically conductive melted material is supplied to said cavity, the movable die is moved toward the stationary die to reduce the volume of said cavity, so that a plurality of fuel cell separators are molded at one time.

2. A fuel cell separator molding method according to claim 1, wherein the electrically conductive melted material is supplied to said cavity from one supply means and is compression molded.

3. A fuel cell separator molding method according to claim 1, wherein the electrically conductive melted material is supplied to said cavity from an injection device, directly through a gate portion only or through a sprue portion and the gate portion only and is injection compression molded.

4. A fuel cell separator molding method according to claim 1, wherein said electrically conductive melted material is a melted resin material containing 60 - 95% by weight of an electrically conductive filler.

5. A fuel cell separator molding die for injecting an electrically conductive melted material into a cavity that is comprised of a stationary die and a movable die, wherein

said cavity has a variable volume and a plurality of

separator molding portions are connected to each other in one cavity, and

the electrically conductive melted material is provided so that it can be supplied directly through a gate portion only or through a sprue portion and the gate portion only.

6. A fuel cell separator that is molded by the fuel cell separator molding method according to claim 1 and, then, separated into each piece.